

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050313

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01P1/02 H01P1/213 H01P1/209 H01P5/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 135 116 A (LOZES ROBERT) 15 December 1972 (1972-12-15) page 1, line 20-31; figure 1	1
A	US 3 777 286 A (CRAMM H ET AL) 4 December 1973 (1973-12-04) abstract; figure 1 column 2, line 53 -column 3, line 30	2,3
A	US 5 256 990 A (YOUNG LOCK R) 26 October 1993 (1993-10-26) abstract; figures 1,11 column 6, line 52-61	2,3
L	EP 1 296 404 A (MARCONI COMM GMBH) 26 March 2003 (2003-03-26) abstract; figure 1 column 2, paragraphs 6-9	1-3

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

28 May 2004

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05/07/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2135116	A	15-12-1972	FR 2135116 A5	15-12-1972
US 3777286	A	04-12-1973	NONE	
US 5256990	A	26-10-1993	NONE	
EP 1296404	A	26-03-2003	EP 1296404 A1	26-03-2003
			CN 1409433 A	09-04-2003
			US 2003067364 A1	10-04-2003